

ABSTRACT OF THE DISCLOSURE

A control apparatus for controlling a shift operation in an automatic transmission includes a disengaging side controlling means for performing a feedback control so as to substantially match a slip amount calculated by a slip amount calculating means with a target slip amount calculated by a target slip amount calculating means when the calculated slip amount is judged to be in excess of the predetermined threshold value by a judging means. The target slip amount varies from a predetermined threshold value to a predetermined target value drawing an ideal trace for restraining a shift shock and is maintained at the predetermined target value. The control apparatus further includes an engaging side controlling means for increasing a torque to be transmitted to an on-coming friction engagement element in association with commencement of the feedback control.

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